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added to from time to time so that there will eventually be not less than 30 nurses employed.

30. That each nurse be given a district in which she shall perform all of the public health duties required.

31. That the educational work of the health department be extended.

32. That additional automobile transportation be furnished for the use of the dairy farm inspectors and the epidemiologist.

33. That the laws and ordinances relating to public health and the regulations, rules, and instructions of the board of health be assembled and published in booklet form for the information of the employees of the board, so that they may carry on their duties intelligently and understand their authority.

34. That the public health duties imposed by the new charter on the division of charities and corrections be transferred to the department of health.

35. That all citizens of the city cooperate with the health department in its efforts to suppress disease and that physicians make special effort to report promptly all cases of communicable diseases.

36. That special effort be made on the part of the physicians and others to report promptly all births occurring in the city.

37. That the record of expenditures be so kept that the health officer can call at any time for the financial status of any division of his department or piece of work.

38. That 15 per cent of the available revenues of the city be appropriated for purposes of public health and sanitation, \$75,000 for the health department and \$217,505 for the department of service, the latter amount to be used for the collection of garbage, ashes and rubbish, street cleaning, and comfort stations.

It is gratifying to report that the recently appointed health officer has already taken steps to reorganize the health department along the above lines. His efforts to have an efficient organization have been ably supported by the board of health, the newspapers of the city, and those citizens having the best interests of their city at heart.

PLAGUE-PREVENTION WORK.

LOUISIANA—NEW ORLEANS—PLAGUE ERADICATION.

The following report of plague-eradication work at New Orleans for the week ended June 12, 1915, was received from Surg. Creel, of the United States Public Health Service, in temporary charge of the work:

| OUTGOING QUARANTINE. | | BUILDINGS RAT-PROOFED. | |
|---|--------|---|--------|
| Number of vessels fumigated with sulphur. | 5 | By elevation..... | 267 |
| Number of vessels fumigated with carbon monoxide..... | 12 | By marginal concrete wall..... | 210 |
| Number of vessels fumigated with hydrocyanic gas..... | 3 | By concrete floor and wall..... | 454 |
| Pounds of sulphur used..... | 2,342 | By minor repairs..... | 762 |
| Pounds of coke consumed in carbon monoxide fumigation..... | 16,500 | Square yards of concrete laid..... | 57,901 |
| Pounds of potassium cyanide used in hydrocyanic-gas fumigation..... | 165½ | Total buildings rat proofed..... | 1,693 |
| Pounds of sodium carbonate used in hydrocyanic-gas fumigation..... | 200 | Total buildings rat proofed to date..... | 40,734 |
| Pounds of sulphuric acid used in hydrocyanic-gas fumigation..... | 175 | Abatements..... | 73 |
| Clean bills of health issued..... | 31 | Abatements to date..... | 25,272 |
| Foul bills of health issued..... | 9 | LABORATORY OPERATIONS. | |
| FIELD OPERATIONS. | | Rodents received by species: | |
| Rats trapped..... | 5,005 | Mus norvegicus..... | 1,819 |
| Number of premises inspected..... | 12,427 | Mus rattus..... | 100 |
| Notices served..... | 1,478 | Mus alexandrinus..... | 72 |
| | | Mus musculus..... | 2,963 |
| | | Wood rats..... | 59 |
| | | Musk rats..... | 36 |
| | | Putrid..... | 135 |
| | | Total rodents received at laboratory..... | 5,049 |
| | | Rodents examined..... | 2,367 |
| | | Suspicious rats..... | 7 |
| | | Plague rats confirmed..... | 1 |

| Case No. | Address. | Captured. | Diagnosis confirmed. | Treatment of premises. |
|----------|-------------------------|--------------|----------------------|--|
| 243 | 1026 Clouet Street..... | June 2, 1915 | June 10, 1915 | Summary destruction of rodent harborage. Destruction of all fleas by spraying with pulicide solution, and immediate rat proofing initiated by owner. |

| | | |
|--|--|-----|
| Last case of human plague, Oct. 4, 1914. | Mus musculus..... | 4 |
| Last case of rodent plague, June 10, 1915. | Mus rattus..... | 16 |
| Total number of rodents captured to June 12..... | Mus norvegicus..... | 215 |
| 365,495 | Mus alexandrinus..... | 8 |
| Total number of rodents examined to June 12..... | Total rodent cases to June 12, 1915..... | 243 |
| 258,501 | | |

HAWAII—PLAGUE PREVENTION.

The following reports of plague-prevention work in Hawaii were received from Surg. Trotter, of the United States Public Health Service:

Honolulu.

WEEK ENDED MAY 29, 1915.

| | | | |
|------------------------------------|-----|--|-------------|
| Total rats and mongoose taken..... | 482 | Average number of traps set daily..... | 1,085 |
| Rats trapped..... | 478 | Cost per rat destroyed..... | cents.. 17½ |
| Mongoose trapped..... | 4 | Last case rat plague, Aiea, 9 miles from Honolulu, Apr. 12, 1910. | |
| Examined microscopically..... | 407 | Last case human plague, Honolulu, July 12, 1910. | |
| Showing plague infection..... | 0 | Last case rat plague, Kalopa stable, Paauhau, Hawaii, Aug. 29, 1914. | |
| Classification of rats trapped: | | Last case human plague, Paauhau Landing, Hawaii, Aug. 17, 1914. | |
| Mus alexandrinus..... | 212 | | |
| Mus musculus..... | 176 | | |
| Mus norvegicus..... | 73 | | |
| Mus rattus..... | 17 | | |

June 25, 1915

1934

Hilo.

WEEK ENDED MAY 22, 1915.

| | | | |
|--|-------|---|-----|
| Rats and mongoose taken..... | 2,737 | Classification of rats trapped and found | |
| Rats trapped..... | 2,710 | dead—Continued. | |
| Rats found dead..... | 1 | <i>Mus alexandrinus</i> | 336 |
| Mongoose taken..... | 26 | <i>Mus rattus</i> | 770 |
| Rats and mongoose examined microscopi- | | <i>Mus musculus</i> | 984 |
| cally..... | 2,737 | Last case of rat plague, Paauhau Sugar Co., | |
| Rats and mongoose plague infected..... | 0 | Aug. 29, 1914. | |
| Classification of rats trapped and found dead: | | Last case of human plague, Paauhau Sugar | |
| <i>Mus norvegicus</i> | 594 | Co., Aug. 16, 1914. | |

PORTO RICO—PLAGUE PREVENTION.

During the two weeks ended May 29, 1915, 691 rodents (rats and mice) were examined in Porto Rico. No plague infection was found. The rodents were collected at San Juan, Puerta de Tierra, and Santurce.